



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/821,703 Confirmation No. 1543
Applicant : Michael T. Parker
Filed : April 9, 2004
TC/A.U. : 2858
Examiner : John Teresinski
Docket No. : 381-27-058
Customer No. : 23935

Title : Arc Detection Method Utilizing a Dynamic
Processing Module (As Amended)

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

Sir:

In response to the Office Action mailed on June 29, 2006,
please amend the above-identified application as follows:

AMENDMENTS TO THE SPECIFICATION begin on page 2 of this paper.

AMENDMENTS TO THE CLAIMS are reflected in the Listing of the
Claims shown beginning on page 3 of this paper.

AMENDMENTS TO THE DRAWINGS begin on page 7 of this paper and
include two new sheets.

REMARKS AND ARGUMENTS begin on page 8 of this paper.

An **APPENDIX** including new drawing figures is attached
following page 11 of this paper.